

REMARKS

The specification is amended to set forth Applicant's claim to the benefit of the filing date of two prior U.S. patent applications. This amendment includes no new matter.

The original application was inadvertently submitted without an abstract. The present abstract briefly describes the present invention without including any new matter.

Claims 28-45 and 55 are cancelled. Claim 57 is amended to correct a typographical error. No new matter is added by this amendment.

The attached 7 sheets of corrected drawings replace the informal drawings originally filed in the parent application.

Entry and consideration of the foregoing amendments is respectfully requested.


The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117.

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Enclosure: Appendix indicating Amendments

APPENDIX

56. (Amended) A method of screening a plurality of macromolecules, comprising contacting the plurality of macromolecules with a matrix, said matrix comprising an a surface imprint of a template molecule wherein the template molecule is selected from a peptide consisting of 3 to 30 amino acids, a polynucleotide consisting of 3 to 30 nucleotides, and an oligosaccharide consisting of 3 to 30 saccharides, under conditions in which at least one molecule of the plurality binds the matrix.

ABSTRACT

The present invention provides imprint compositions useful for capturing, isolating, detecting and/or quantifying macromolecules in a sample, methods of making and using the same. Generally, the imprint compositions comprise a matrix material defining an imprint of a template molecule, and the template molecule typically corresponds to a portion of a macromolecule of interest.